

ABSTRACT OF THE DISCLOSURE

A fuel injection quantity control device for controlling an actual revolution speed E_n of an engine to a target revolution speed E_o , comprises difference computation unit for subtracting the actual revolution speed E_n from the target revolution speed E_o and finding the difference e therebetween; proportional term computation unit for multiplying the aforesaid difference e by the prescribed proportionality constant K_p and finding a proportional term output value Q_p ; integral term computation means for finding an integral term output value Q_i which is obtained by integrating the product of the aforesaid difference e and the prescribed integration constant K_i ; differential term computation unit for finding a differential term output value Q_d which is obtained by multiplying the value obtained by differentiating the aforesaid difference e by the prescribed differentiation constant K_d ; and injection quantity computation unit for adding up the proportional term output value Q_p and the integral term output value Q_i and determining the injection quantity.